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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1645

Applicants:

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Application No.: 09/878,423 Group Art Unit: Not assigned

Filed: June 11, 2001 Examiner: Not assigned

Title: METHOD OF OBTAINING PROTEIN DIVERSITY

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231

on 08/31/01 Ellen T. Spear  
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 Typed or printed name of person signing certificate

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.129(a), or  
 (First/Second submission after Final Rejection)

under 37 CFR 1.97(b), or  
 (Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

under 37 CFR 1.97(c) together with either:  
 a Statement under 37 CFR 1.97(e), as checked below, or  
 a \$180.00 fee under 37 CFR 1.17(p), or  
 (After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

under 37 CFR 1.97(d) together with:  
 a Statement under 37 CFR 1.97(e), as checked below, and  
 a \$180.00 fee under 37 CFR 1.17(p), or  
 (Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

under 37 CFR 1.97(i):  
 Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.  
 (Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- [ ] Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- [ ] No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- [ ] Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

[X] Enclosed herewith is form PTO-1449:

- [X] Copies of the cited references (AS4-AS6) are enclosed.
- [ ] Copies of cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
- [ ] The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
- [ ] The "concise explanation" requirement (non-English references) for reference(s) [ ] under 37 CFR 1.98(a)(3) is satisfied by:
  - [ ] the explanation provided on the attached sheet.
  - [ ] the explanation provided in the Specification.
  - [ ] submission of the enclosed International Search Report.
  - [ ] the enclosed English language abstract.

[X] Applicant requests that the following non-published pending applications be considered:

Examiner's  
Initials

U.S. Patent Application No. 09/770,771, by Viggó T. Marteinsson, Cédric Hobel, Olafur H. Fridjonsson, Gudmunder O. Hreggvidsson, Jakob K. Kristjánsson, filed January 26, 2001, Docket No.: 2739.2004-000

Examiner

Date

- [ X ] A copy of each file is attached for the above-cited application, including the current claims, is enclosed.
- [ ] A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- [ ] A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- [ ] Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.
- [X] Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

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Dated:

*August 30, 2001*

PTO-1449 REPRODUCED			ATTORNEY DOCKET NO. 2739.2004-001	APPLICATION NO. 09/878,423			
SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION  SEP 04 2001 August 28, 2001  (Use several sheets if necessary)			APPLICANT Arnþor Aearsson, et al.	RECEIVED DEC 07 2001			
			FILING DATE June 11, 2001	GROUP TECH CENTER 1600/290 Not assigned			
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AS <sup>4</sup>	Hol, Wim, G.J., "Structural genomics for science and society", <i>Nature Structural Biology, Structural genomics supplement</i> , 964-966 (2000).					
	AT <sup>4</sup>	Hendrickson, W.A., "Synchrotron crystallography", <i>Trends Biochem Sci</i> , 637-643 (2000).					
	AU <sup>4</sup>	Burley, S.K., "An overview of structural genomics", <i>Nature Structural Biology, Structural genomics supplement</i> , 932-934 (2000).					
	AV <sup>4</sup>	Cassetta, A., et al., "Development of instrumentation and methods for MAD and structural genomics at the SRS, ESRF, CHESS and Elettra facilities", <i>J. Synchrotron Rad.</i> , 6:822-833 (1999).					
	AW <sup>4</sup>	Terwilliger, T.C., et al., "Class-directed structure determination: Foundation for a Protein Structure Initiative", <i>Protein Sci</i> , 1851-1856 (1998).					
	AX <sup>4</sup>	Rost, B., "Marrying structure and genomics", <i>Structure</i> , 6:259-263 (1998).					
	AY <sup>4</sup>	Brenner, S.E., "Target selection for structural genomics", <i>Nature Structural Biology, Structural genomics supplement</i> , 967-969 (2000).					
	AZ <sup>4</sup>	Terwilliger, T.C., "Structural genomics in North America", <i>Nature Structural Biology, Structural genomics supplement</i> , 935-939 (2000).					
	AR <sup>5</sup>	Hwang, K.Y., et al., "Structure-based identification of a novel NTPase from <i>Methanococcus jannaschii</i> ", <i>Nature Structural Biology, Structural genomics supplement</i> , 691-696 (1999).					
	AS <sup>5</sup>	Yokoyama, S., et al., "Structural genomics projects in Japan", <i>Nature Structural Biology, Structural genomics supplement</i> , 943-945 (2000).					
	AT <sup>5</sup>	Shyamala, V., et al., "Genome walking by single-primer polymerase chain reaction: SSP-PCR", <i>Gene</i> , 84:1-8 (1989).					
	AU <sup>5</sup>	Christendat, D., et al., "Structural proteomics of an archaeon", <i>Nature Structural Biology</i> , 7(10):903-909 (2000).					
	AV <sup>5</sup>	Auerbach, G., et al., "Lactate dehydrogenase from the hyperthermophilic bacterium <i>Thermotoga maritima</i> : the crystal structure at 2.1 Å resolution reveals strategies for intrinsic protein stabilization", <i>Structure</i> , 6(6):769-781 (1998).					
	AW <sup>5</sup>	Macedo-Ribeiro, S., et al., "Small structural changes account for the high thermostability of 1[4Fe-4S]ferredoxin from the hyperthermophilic bacterium <i>Thermotoga maritima</i> ", <i>Structure</i> , 4(11):1291-1301 (1996).					
EXAMINER				DATE CONSIDERED			

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 2739.2004-001	APPLICATION NO. 09/878,423
<b>SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> SEP 04 2001 (Use several sheets if necessary)		APPLICANT Arnþor Ævarsson, et al.	RECEIVED DEC 07 2001 TECH CENTER 1600/2000
		FILING DATE June 11, 2001	GROUP Not assigned
U.S. PATENT DOCUMENTS			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
AX5	Evarsson, A., et al., "Crystal structure of human branched-chain $\alpha$ -ketoacid dehydrogenase and the molecular basis of multienzyme complex deficiency in maple syrup urine disease", <i>Structure</i> , 8(3):277-291 (2000).		
AY5	Kuntz, I.D., "Structure-Based Strategies for Drug Design and Discovery", <i>Science</i> , 257:1078-1082 (1992).		
AZ5	Verlinde and Hol, "Structure-based drug design: progress, results and challenges", <i>Structure</i> , 2:577-587 (1994).		
AR6	Ring, C.S., et al., "Structure-based inhibitor design by using protein models for the development of antiparasitic agents", <i>Proc. Natl. Acad. Sci. USA</i> , 90:3583-3587 (1993).		
AS6	Evarsson, A., et al., "Crystal structure of 2-oxoisovalerate and dehydrogenase and the architecture of 2-oxo acid dehydrogenase multienzyme complexes", <i>Nature Structural Biology</i> , 6(8):785-792 (1999).		
EXAMINER		DATE CONSIDERED	